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invention is able to manufacture the electrode improving a high-performance for fuel cell can be manufactured.

IN THE CLAIMS:

Please enter the following amended claims:

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1. (Amended) An electrode for a fuel cell comprising: a catalyst layer and a porous polymer, wherein said catalyst layer containing a solid polymer electrolyte and catalyst particles.

10. (Amended) The electrode according to claim 1 or 3, wherein said porous polymer is fluorocarbon polymer.

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11. (Amended) A method of manufacturing porous polymer according to claim 1 or 3 comprising the step of: separating a polymer (a) from the solution (c) in which the polymer (a) is dissolved in a solvent (b) by the phase inversion process.

12. (Amended) A method of manufacturing porous polymer according to claim 1 or 3 comprising the step of: extracting a solvent (b) from the solution (c), in which a polymer (a) is dissolved in the solvent (b), with the non solvent (d) which is insoluble in the polymer (a) and miscible with the solvent (b).

13. (Amended) A method of manufacturing an electrode for a fuel cell comprising the steps of:

preparing an electrode (j) comprising a catalyst layer containing a solid polymer electrolyte and catalyst particles;

preparing a solution (c) in which a polymer (a) is dissolved in a solvent (b);

allowing said solution (c) to be contained in said electrode; and

separating said polymer (a) from said solution (c).